EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1094	320/132.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/24 19:57
L2	22	(((state near charge) or "SOC") same capacity same (substrac $4 or delta or difference)).clm.	US-PGPUB	OR	ON	2010/04/24 19:59
L3	214	(((state near charge) or "SOC") same capacity same (substrac $4 or delta or difference))	US-PGPUB	OR	ON	2010/04/24 19:59
S1	3250	320/132,134,136,162.ccls. or 324/426,427.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/14 18:20
S2	3	"6515453"	US-PGPUB; USPAT	OR	ON	2008/10/14 18:21
S3	46	"6016047"	US-PGPUB; USPAT	OR	ON	2008/10/14 18:21
S4	2	"6420851"	US-PGPUB; USPAT	OR	ON	2008/10/14 18:21
S5	27	S1 and second near (SOC)	US-PGPUB; USPAT	OR	ON	2008/10/14 18:26
S6	10	("20010035742" | "20040119441" | "20040155629" | "20050231165" | "5680050" | "6653819" | "6700383" | "6710575" | "6960899" | "7078878").PN. OR ("7317299").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:00
S7	7	("5281919" | "6127806" | "6150823" | "6359419").PN. OR ("6845332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:19
S8	1	"20030097225"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:30
S9	4	"6845332"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:30
S10	12	"5422822"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:30
S11	0	"2002117997"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:33
S12	1	"20020117997"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 19:33
S13	0	jp-2003351685-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/14 19:40

S14	0	jp-20030351685-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/14 19:40
S15	42	("320".clas. or "324".clas.) and second near (SOC)	US-PGPUB; USPAT	OR	ON	2008/10/14 19:49
S16	12	("320".clas. or "324".clas.) and ((difference or delta) near (SOC)) same charg$3	US-PGPUB; USPAT	OR	ON	2008/10/15 12:25
S17	93	"5789899"	US-PGPUB; USPAT	OR	ON	2008/10/15 13:06
S18	6	lithium and ((difference or delta) near (SOC)) same charg $3	US-PGPUB; USPAT	OR	ON	2008/10/15 13:09
S19	1	li-ion and (((difference or delta) near (SOC)) same charg$3)	US-PGPUB; USPAT	OR	ON	2008/10/15 13:12
S20	3	li-ion and ((constant adj voltage) same SOC)	US-PGPUB; USPAT	OR	ON	2008/10/15 14:37
S21	39	lithium and ((constant adj voltage) same SOC)	US-PGPUB; USPAT	OR	ON	2008/10/15 14:39
S22	236	lithium and ((constant adj voltage) same (state near3 charge))	US-PGPUB; USPAT	OR	ON	2008/10/15 14:50
S23	122	lithium and ((constant adj voltage) same ((state near3 charge) with (measur$3 or detect$3 or calculat$3)))	US-PGPUB; USPAT	OR	ON	2008/10/15 14:50
S24	52	S23 and ("320".clas. or "324". clas.)	US-PGPUB; USPAT	OR	ON	2008/10/15 14:50
S25	1	"10598038"	US-PGPUB; USPAT	OR	ON	2009/01/03 14:55
S26	1	"20020117997"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 15:05
S27	1	wo-02091007-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/03 15:06
S28	1	("2002/0117997").URPN.	USPAT	OR	ON	2009/01/03 15:35
S29	10	((HENDRIK) near2 (BERGVELD)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/03 15:37
S30	4	("4021718" | "5631540" | "6388447").PN. OR ("6515453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 15:38
S31	0	((VALER) near2 (POP)).INV.	USPAT; USOCR	OR	ON	2009/01/03 15:40
S32	17	((PETRUS) near2 (NOTTEN)). INV.	US-PGPUB; USPAT	OR	ON	2009/01/03 15:40
S33	33	koninklijke and "320".clas.	US-PGPUB; USPAT	OR	ON	2009/01/03 15:47

S34	46	EMF same SOC	US-PGPUB; USPAT	OR	ON	2009/01/03 19:48
S35	2	"6420851"	US-PGPUB; USPAT	OR	ON	2009/01/03 19:50
S36	3	"6515453"	US-PGPUB; USPAT	OR	ON	2009/01/03 19:50
S37	12	S34 and ("320".clas. or "324".clas.)	US-PGPUB; USPAT	OR	ON	2009/01/03 19:54
S38	4	(electromotive adj voltage) same SOC	US-PGPUB; USPAT	OR	ON	2009/01/03 19:55
S39	0	(electromotive adj voltage) same overpotential	US-PGPUB; USPAT	OR	ON	2009/01/03 19:56
S40	0	(electromotive adj voltage) and overpotential	US-PGPUB; USPAT	OR	ON	2009/01/03 19:57
S41	16	electromotive same overpotential	US-PGPUB; USPAT	OR	ON	2009/01/03 19:57
S42	3	S41 and ("320".clas. or "324".clas.)	US-PGPUB; USPAT	OR	ON	2009/01/03 19:57
S43	0	"320.157.3clas." and (low adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 20:16
S44	0	320/157.clas. and (low adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 20:16
S45	2	320/157.ccls. and (low adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 20:17
S46	79	"320".clas. and ((low adj pass) same ((measur$3 or detect$3 or sens$3) near (voltage or current)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 20:18
S47	55	"320".clas. and ((low adj pass) same ((measur$3 or detect$3 or sens$3) near (voltage)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 20:20
S48	2	S47 and (pulse$1 adj current)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/03 20:20
S49	437	"320".clas. and (battery near charging) same engine	US-PGPUB; USPAT	OR	ON	2009/01/03 20:22
S50	13	"320".clas. and (battery adj charging) near engine	US-PGPUB; USPAT	OR	ON	2009/01/03 20:35
S51	248	"320".clas. and (battery adj charging) same engine	US-PGPUB; USPAT	OR	ON	2009/01/03 20:37
S52	5	"320".clas. and ((battery adj charging) near current) same engine same alternator same vehicle	US-PGPUB; USPAT	OR	ON	2009/01/03 20:40
S53	12	((HENDRIK) near2 (BERGVELD)).INV.	US-PGPUB; USPAT	OR	ON	2009/06/17 14:42
S54	1	((VALER) near2 (POP)).INV.	US-PGPUB; USPAT	OR	ON	2009/06/17 14:42
S55	17	((PETRUS) near2 (NOTTEN)).INV.	US-PGPUB; USPAT	OR	ON	2009/06/17 14:42

S56	6	(S53 or S54 or S55) and (state near charge)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 14:43
S57	981	320/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 14:45
S58	16	"SOC" near delta and battery	US-PGPUB; USPAT	OR	ON	2009/06/17 14:59
S59	30	"SOC" near3 delta and battery	US-PGPUB; USPAT	OR	ON	2009/06/17 15:02
S60	14	S59 not S58	US-PGPUB; USPAT	OR	ON	2009/06/17 15:02
S61	19	"6359419"	US-PGPUB; USPAT	OR	ON	2009/06/17 15:05
S62	386	324/427.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/17 15:23
S63	1	"11057976"	US-PGPUB; USPAT	OR	ON	2009/06/24 15:19
S64	0	S63 and (difference same charge)	US-PGPUB; USPAT	OR	ON	2009/06/24 15:20
S65	0	S63 and (difference same charg $3)	US-PGPUB; USPAT	OR	ON	2009/06/24 15:20
S66	1	"20040260850"	US-PGPUB; USPAT	OR	ON	2009/06/24 15:58
S67	2	"20030131267"	US-PGPUB; USPAT	OR	ON	2009/06/24 16:11
S68	15	("20030026183" | "4402271" | "4491007" | "4768926" | "4837488" | "5365577" | "5469746" | "5631758" | "6308215" | "6363085" | "6393588" | "6460094" | "6542946" | "6705527" | "7007119").PN. OR ("7272740").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 16:14
S69	1	("2002/0117997").URPN.	USPAT	OR	ON	2009/07/01 08:47
S70	0	"10015721"	USPAT	OR	ON	2009/07/01 08:48
S71	2	"10/015721"	US-PGPUB; USPAT	OR	ON	2009/07/01 08:48
S72	4	("4021718" | "5631540" | "6388447").PN. OR ("6515453").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 08:49
S73	988	320/132.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 08:54
S74	74	(SOC near (delta or difference or substract$4 or subtract$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:34
S75	3	("2003/0097225").URPN.	USPAT	OR	ON	2009/07/01 10:36
S76	2	("20030097225" | "6845332"). PN. OR ("7362076").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:37

S77	1	"7233128"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:55
S78	12	("20020113595" | "20020196026" | "20030074115" | "5808445" | "6275008" | "6285163" | "6356083" | "6359419" | "6388447" | "6608482" | "6629027" | "6646421").PN. OR ("7233128").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:55
S79	53	"4558281"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 11:00
S80	25	"6300763"	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 11:02
S81	28	(second near2 "SOC") same (substract or subtract or delta or difference)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 11:04
S82	112	("20020008495" | "20020026252" | "20020031700" | "20030047366" | "20030082440" | "20030142228" | "20030236656" | "20040021468" | "3906329" | "4153867" | "4193025" | "4207611" | "4322685" | "4595880" | "4642600" | "4659977" | "4665370" | "4719427" | "4816736" | "4876513" | "4888716" | "4937528" | "4943777" | "4952861" | "5002840" | "5032825" | "5055656" | "5079716" | "5130699" | "5159272" | "5162164" | "5204610" | "5223351" | "5280231" | "5281919" | "5316868" | "5321627" | "5352968" | "5381096" | "5404129" | "5412323" | "5416402" | "5428560" | "5439577" | "5488283" | "5549984" | "5552642" | "5563496" | "5572136" | "5578915" | "5650712" | "5656915" | "5680050" | "5698965" | "5721688" | "5744936" | "5744963" | "5761072" | "5773977" | "5808367" | "5808445" | "5818116" | "5818333" | "5896023" | "5898292" | "5936383" | "5965954" | "5977654" | "5990660" | "6016047" | "6037749" | "6037777" | "6057666" |	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 11:27

		"6087808" | "6091325" | "6118252" | "6118275" | "6144185" | "6160382" | "6222341" | "6268712" | "6271642" | "6296593" | "6300763" | "6304059" | "6331762" | "6369578" | "6388421" | "6388450" | "6392389" | "6392414" | "6392415" | "6417668" | "6424157" | "6441585" | "6445158" | "6452361" | "6472875" | "6495990" | "6507194" | "6515452" | "6515456" | "6522148" | "6534992" | "6556019" | "6600237" | "6600293" | "6608482" | "6653818").PN. OR ("7253587").URPN.				
S83	168	SOC2	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 11:59
S84	38	S83 and (lithium same battery)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 11:59
S85	12	("4302714" | "4876513" | "5598088" | "5650712" | "5793188" | "5796239" | "5808445" | "6011380").PN. OR ("6583606").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 12:10
S86	14	("5160880" | "5680050" | "6215312").PN. OR ("6366054").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 12:15
S87	50599	("SOC" or ((state or remaining or residual) near (charge or capacity))) same charg$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 14:09
S88	4601	("SOC" or ((state or remaining or residual) near (charge or capacity))) same charg$3 same (delta or difference or substract$4 or subtract$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 14:10
S89	562	S88 and (lithium same battery)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 14:10
S90	12	("4302714" | "4876513" | "5598088" | "5650712" | "5793188" | "5796239" | "5808445" | "6011380").PN. OR ("6583606").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 14:20
S91	3	"6515453"	US-PGPUB; USPAT	OR	ON	2009/07/01 14:58
S92	2	"6420851"	US-PGPUB; USPAT	OR	ON	2009/07/01 14:58
S93	4	("20040138836" | "20050017725" | "5422822" | "6845332").PN. OR ("7200499").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/02 22:34

S94	12	("4302714" | "4876513" | "5598088" | "5650712" | "5793188" | "5796239" | "5808445" | "6011380").PN. OR ("6583606").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/02 22:51
S95	4854	("SOC" or ((state or remaining or residual) near (charge or capacity))) same charg$3 same (delta or difference or substract $4 or subtract$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/02 23:14
S96	888	S95 and "320".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/02 23:14
S97	21	"5773959"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/06 16:46
S98	1	"7573229"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/06 16:57
S99	6	"6744603"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/06 16:57
S100	8	"6774603"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/06 17:03
S101	10	vehicle same (second near4 "SOC" same charging)	US-PGPUB; USPAT	OR	ON	2010/01/16 23:26
S102	52	delta near3 "SOC"	US-PGPUB; USPAT	OR	ON	2010/01/16 23:29
S103	0	S102 same voltage same charging	US-PGPUB; USPAT	OR	ON	2010/01/16 23:29
S104	6	S102 same voltage	US-PGPUB; USPAT	OR	ON	2010/01/16 23:30
S105	29	S102 and ("SOC" same voltage)	US-PGPUB; USPAT	OR	ON	2010/01/16 23:30
S106	1331	"SOC" same ((measur$3 or detect$4 or sens$4) near3 voltage)	US-PGPUB; USPAT	OR	ON	2010/01/16 23:32
S107	7	S102 and S106	US-PGPUB; USPAT	OR	ON	2010/01/16 23:32
S108	21	S102 and vehicle and ("SOC" same charging)	US-PGPUB; USPAT	OR	ON	2010/01/16 23:33
S109	529	S106 and vehicle and ("SOC" same charging)	US-PGPUB; USPAT	OR	ON	2010/01/16 23:34
S110	120	S109 and (first near4 "SOC")	US-PGPUB; USPAT	OR	ON	2010/01/16 23:35
S111	409	S109 not S110	US-PGPUB; USPAT	OR	ON	2010/01/16 23:52
S112	217	S111 and ("320".clas. or "324".clas.)	US-PGPUB; USPAT	OR	ON	2010/01/16 23:53
S113	10	("324".clas. or "320".clas.) and (delta near4 "SOC")	US-PGPUB; USPAT	OR	ON	2010/01/19 16:11
S114	0	("324".clas. or "320".clas.) and (diference near4 "SOC")	US-PGPUB; USPAT	OR	ON	2010/01/19 16:12

S115	113	("324".clas. or "320".clas.) and (difference near4 "SOC")	US-PGPUB; USPAT	OR	ON	2010/01/19 16:12
S116	1443	320/132.ccls. or 324/427,432. ccls.	US-PGPUB; USPAT	OR	ON	2010/01/21 12:31
S117	16	(voltage near4 (first near2 "SOC")) and (voltage near4 (second near2 "SOC"))	US-PGPUB; USPAT	OR	ON	2010/01/30 23:31

4/24/2010 8:01:44 PM
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